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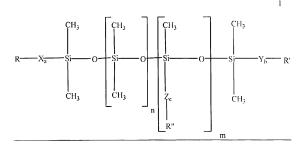
Response to Office Action mailed: August 22, 2008

Response Filed: November 21, 2008

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

- (Currently amended) A composition for improving the properties of a cementitious composition, comprising a fluid blend of
 - (i) at least one polyalkylene oxide, wherein the alkylene oxide units are at least one of ethylene or propylene oxides:
 - (ii) at least one aqueous paraffin emulsion; and
 - (iii) at least one siloxane compound that is at least one of liquid or soluble in at least one of water or aqueous alkali, in which the siloxane compound is selected from those that correspond to the general formula 1:



where m and n are independently from 1-2000, a, b, and c are independently either 0 or 1 and X, Y and Z are selected from

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<u>-O-;</u>

-O-(CH₂)₁₋₃₀-, this moiety is at least one of linear, branched or containing at

least one ring;

-(CH₂)₁₋₃₀-, this moiety is at least one of linear, branched or containing at

least one ring;

-CH2-CH2-CH2-O-;

-CH2-CH2-CH2-CHOH-CH2-;

-CH2-CH2-CH2-O-CH2-CHOH-CH2-O-; and

 $\underline{-\text{CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-N-};}$

and R, R' and R'' are independently selected from at least one of hydrogen, C_{1-100} alkyl, C_{6-30} aryl, C_{7-30} aralkyl; C_{7-30} alkaryl; C_{1-30} hydroxyalkyl; C_{3-200} polyhydroxyalkyl; polyether consisting of from 2-200 identical or different C_{1-15} oxyalkylene units; C_{1-30} aminoalkyl; polyiminopolyalkylene having from 1-20 identical or different C_{2-15} alkylene units; polyiminopolyoxyalkylene having from 1-20 identical or different C_{2-15} alkylene units; polyiminopolyoxyalkylene having from 1-20 identical or different C_{2-15} oxyalkylene units; C_{3-30} quaternary ammonium, optionally completely or partially ionised with at least one anion; C_{4-30} betaine; carboxyl, optionally completely or partially ionised with at least one cation; C_{4-30} polycarboxyalkyl, optionally completely or partially ionised with at least one cation; thiosulpho group, optionally completely or partially ionised with at least one cation; cpoxide group; glycidyl; acrylate; C_{1-30} ester; polycester consisting of from 2-200 C_{2-15} diacid and diester monomer units; and esters of inorganic acids, wherein all alkyl chains are at least one of linear, branched or comprise at least one ring.

(Canceled)

 (Currently amended) The composition according to claim [[2]]1. wherein the siloxane compound is selected from those of Formula 1 in which a, b, and c are all 1 and X, Y and Z are selected from

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-O-(CH₂)₁₋₃₀-, this moiety is linear or branched:

-(CH2)1-30-, this moiety is linear or branched: and

-CH2-CH2-CH2-CHOH-CH2-;

and R. R' and R'' are independently at least one of hydrogen; hydroxy; polyether

consisting of from 2-200 identical or different C_{2-6} oxyalkylene units, wherein if

there is present more than one type of oxyalkylene unit, there shall be present at least two of each unit; $C_{3.70}$ quaternary ammonium, optionally completely or

partially ionised with at least one anion; C₄₋₃₀ betaine; carboxyl, optionally

completely or partially ionised with at least one cation; sulpho group, optionally

completely or partially ionised with at least one eation; shipping group, optionally

completely or partially ionised with at least one cation; glycidyl; and acrylate;

wherein all alkyl chains are at least one of linear, branched or comprise at least one

ring.

4. (Currently amended) The composition according to claim [[2]]1, in which the

siloxane compound is selected from those of Formula 1 in which m and n are

independently selected from 1-200. a. b. and c are all 1 and X, Y and Z are selected from

-O-(CH2)1-12-:

-(CH₂)₁₋₁₂-; and

-CH2-CH2-CH2-CHOH-CH2-;

and R, R' and R" are independently at least one of hydrogen; hydroxy; polyether

consisting of from 2-200 identical or different C2-6 oxyalkylene units, wherein, if

there is present more than one type of oxyalkylene unit, there shall be present at

least two of each unit; C3-30 quaternary ammonium, optionally completely or

partially ionised with at least one anion; C4-30 betaine: carboxyl, optionally

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completely or partially ionised with at least one cation; glycidyl: or aerylate; wherein all alkyl chains may be linear or branched.

 (Currently amended) The composition according to claim [[2]]]. in which the siloxane compound is selected from those of Formula I in which m is from 1-30 and n is from 1-100. a. b. and c are all I and X, Y and Z are selected from

-O-(Cl1₂)₁₋₆-; -(CH₂)₁₋₆-: and -Cl1₂-CH₂-CH₂-O-CH₂-CHOH-CH₂-;

and R, R' and R'' are independently selected from at least one of hydrogen; hydroxy; polyether consisting of from 2-200 identical or different C_{2-6} oxyalkylene units, wherein, if there is present more than one type of oxyalkylene unit, there shall be present at least two of each unit; C_{3-20} quaternary ammonium, optionally completely or partially ionised with at least one anion; C_{4-10} betaine and carboxyl, optionally completely or partially ionised with at least one cation; wherein all alkyl chains may be linear or branched.

- (Previously presented) The composition according to claim 1 in which the polyalkylene oxide is polyethylene oxide.
- (Previously presented) The composition according to claim 1 in which the weightaverage molecular weight of the polyalkylene oxide is 100.000-8,000.000.
- (Previously presented) The composition according to claim 1 in which the paraffin emulsion is an ionically-emulsified paraffin mixture with a fusion point of 45-51°C and a particle size of less than 2μm.

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 (Previously presented) A method of modifying the properties of a cementitious composition, comprising adding to a fluid cementitious mix a composition

according to claim 1.

10. (Currently amended) A cementitious composition having improved properties,

wherein the cementitious composition comprises a chemical composition according to claim 1 and wherein the amount of siloxane compound is from

0.05% to 20% by weight of the cement.

11. (Currently amended) The composition according to claim [[2]] $\underline{1}$, wherein m and n

are independently from 1 to 500.

12. (Currently amended) The composition according to claim [[2]]1, wherein R and

R' are methyl or ethyl.

13. (Currently amended) The composition according to claim [[2]]1, wherein R"

comprises ethylene oxide-propylene oxide copolymers of from 10 to 100 units.

14. (Canceled)

(Previously presented) The cementitious composition according to claim 10.

comprising finely-divided silica.

(Previously presented) The cementitious composition according to claim 15.

wherein the composition comprises finely-divided silica up to 20% by weight of

the siloxane compound.

17. (Previously presented) The composition according to claim 1, wherein the

composition comprises an emulsifier.

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18. (Previously presented) The cementitious composition according to claim 10, comprising at least one of plasticizers, superplasticisers, antifreeze agents, pigments, air-entraining agents, accelerators, retarders or reinforcing fibres that are comprised of at least one of metal, glass or polymer.

19. (canceled)

(Currently amended) The cementitious composition according to claim [[19]]10.
 wherein the siloxane compound is selected from those of Formula I in which a, b.

and c are all 1 and X. Y and Z are selected from
-O-(CH₂)_{1,307}, this moiety is linear or branched:

-(CH₂)₁₋₃₀-, this moiety is linear or branched; and

-CH2-CH2-CH2-O-CH2-CHOH-Cl12-;

and R, R' and R'' are independently at least one of hydrogen: hydroxy; polyether consisting of from 2-200 identical or different C_{2-6} oxyalkylene units, wherein if there is present more than one type of oxyalkylene unit, there shall be present at least two of each unit: C_{3-30} quaternary ammonium, optionally completely or partially ionised with at least one anion; C_{4-30} betaine: carboxyl, optionally completely or partially ionised with at least one cation; sulpho group, optionally completely or partially ionised with at least one cation; thiosulpho group, optionally completely or partially ionised with at least one cation; glycidyl: and acrylate; wherein all alkyl chains are at least one of linear, branched or comprise at least one ring.